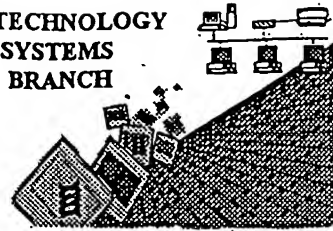


Re-run

BIOTECHNOLOGY
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BRANCH



0590
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RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application/Serial Number: 10/004,432A
Source: OIPB
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FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

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TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER
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Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name,
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Or
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two,
2011 South Clark Place, Arlington, VA 22202
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Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 01/29/2002



Does Not Comply OIPE
Corrected Diskette Needed

RAW SEQUENCE LISTING

DATE: 03/18/2002

PATENT APPLICATION: US/10/004,432A

TIME: 15:28:26

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Output Set: N:\CRF3\03182002\J004432A.raw

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W--> 4 <130> FILE REFERENCE: 39734-176754
W--> 5 <140> CURRENT APPLICATION NUMBER: US 10/004,432A
6 <141> CURRENT FILING DATE: 2001-12-06
7 <150> PRIOR APPLICATION NUMBER: US 60/110,699; US 09/450,696
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Handwritten annotations: "belongs in <221>" with arrows pointing to the circled "primer_bind" features in lines 16 and 32.

VERIFICATION SUMMARY

DATE: 03/18/2002

PATENT APPLICATION: US/10/004,432A

TIME: 15:28:27

Input Set : A:\SEQUENCE LISTING.txt

Output Set: N:\CRF3\03182002\J004432A.raw

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